

## Message Text

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ACTION OES-07

INFO OCT-01 EA-07 ISO-00 FEA-01 ACDA-07 CIAE-00 INR-07  
IO-13 L-03 NSAE-00 NSC-05 EB-07 NRC-05 DODE-00  
SS-15 SP-02 TRSE-00 AID-05 COME-00 FPC-01 PM-05  
OIC-02 /093 W  
-----112012 190954Z/10

P R 190852Z JUL 77  
FM AMEMBASSY SEOUL  
TO SECSTATE WASHDC PRIORITY 5193  
USERDA WASHDC PRIORITY  
INFO AMEMBASSY TOKYO

C O N F I D E N T I A L SECTION 1 OF 2 SEOUL 6016

DEPARTMENT FOR OES/NET/PM (VERNON ADLER)  
DEPARTMENT PASS NRC (J.LAFLEUR)  
USERDA FOR N. SIEVERING  
TOKYO FOR J. BLOOM AND W. HENOCH

E.O. 11652: GDS  
TAGS: TECH, KS  
SUBJECT: RESUME OF JULY 14 - 16 MEETING OF US-ROK JOINT STANDING  
COMMITTEE ON NUCLEAR AND OTHER ENERGY TECHNOLOGY MATTERS

REF: A) SEOUL 5423; B) SEOUL 4002; (C) SEOUL 5530

SUMMARY: TIGHTLY SCHEDULED VISIT AND MEETING PROCEEDED AS  
PLANNED (REFTEL A). ASSURANCES THAT U.S. REMAINS COMMITTED  
AS RELIABLE SUPPLIER OR URANIUM ENRICHMENT SERVICES AND  
NUCLEAR POWER TECHNOLOGY WERE GREATLY APPRECIATED. KOREANS  
ENTHUSIASTICALLY ACCEPT U.S. INVITATION TO PARTICIPATE IN  
INTERNATIONAL NUCLEAR FUEL CYCLE EVALUATION AND REQUEST THAT  
COOPERATION BE EXPANDED IN AREAS OF NON-NUCLEAR ENERGY  
TECHNOLOGY SUCH AS SOLAR, GEOTHERMAL, TIDAL AND WIND ENERGY.  
PARAGRAPH FIVE IS STATEMENT ISSUED AT CONCLUSION OF  
MEETING. END SUMMARY.

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1. SUBJECT MEETING WAS CONDUCTED IN A RELAXED ATMOSPHERE  
INDICATIVE OF ACKNOWLEDGEMENT ON BOTH SIDES OF PROGRESS IN  
BOTH THE IDENTIFICATION OF AREAS OF COOPERATION AND THE  
ASSIGNMENT OF KOREAN EXPERTS IN THE U.S. NOZENSO'S  
ASSURANCES REGARDING U.S. COMMITMENT TO NUCLEAR ENERGY  
PEACEFUL USES DISPELLED KOREAN ANXIETY, LARGELY DERIVED

FROM SPECULATIVE NEWSPAPER TREATMENT IN U.S. AND JAPAN,  
REGARDING EFFECT OF U.S. NON-PROLIFERATION INITIATIVES  
ON THE PRACTICAL MATTERS ASSOCIATED WITH THE USE OF NUCLEAR  
FUEL TO GENERATE ELECTRICITY. THE KOREAN SIDE EXPRESSED  
FULL SUPPORT FOR U.S. NON-PROLIFERATION INITIATIVES  
WHICH IN THEIR PROPER CONTEXT POSE NO BARRIER TO INCREASED  
U.S.-ROK COOPERATION IN PRESENT GENERATION NUCLEAR TECHNOLOGY.  
NRC INFORMATION ON LATEST ASSIGNMENT ARRANGEMENTS FOR  
KOREAN EXPERTS TO WORK IN BETHESDA AND IDAHO FALLS PROVIDED  
CONCRETE INSTANCES OF MUTUALLY BENEFICIAL COOPERATION.

2. THE KOREAN SIDE ACCEPTED NOZENSO'S INVITATION TO TAKE PART  
IN THE INTERNATIONAL NUCLEAR FUEL CYCLE EVALUATION AND  
EXPRESSED PARTICULAR INTEREST IN EVALUATION OF THE (A)  
POTENTIAL ECONOMIC USE OF LOW-GRADE URANIUM ORES AND

(B) TECHNICAL-ECONOMIC ASSESSMENT OF THE FEASIBILITY OF  
THE TANDEM USE OF LIGHT WATER REACTORS AND HEAVY WATER  
REACTORS (CANDU TYPE) TO ACHIEVE MORE EFFICIENT BURNUP OF  
LOW ENRICHED FUEL. IT WAS AGREED THAT ARRANGEMENTS BE  
CARRIED OUT FOR KOREAN PARTICIPATION IN THE KICK-OFF MEETING  
THIS FALL IN WASHINGTON OF COUNTRIES TAKING PART IN THE  
EVALUATION.

3. THE KOREAN SIDE ALSO EXPRESSED ENTHUSIASTIC INTEREST IN  
AUGMENTING JOINT STANDING COMMITTEE COOPERATION IN THE  
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GENERAL FIELD OF NON-NUCLEAR ADVANCE ENERGY TECHNOLOGY  
SUCH AS SOLAR, GEOTHERMAL, TIDAL AND WIND ENERGY. IT SHOULD  
BE NOTED THAT BOTH THE MINISTRY OF SCIENCE AND TECHNOLOGY  
(MOST) AND THE KOREA DEVELOPMENT INSTITUTE (KDI) ARE  
COMPETING FOR AUTHORITY TO SET UP A NEW ENERGY POLICY ANALYSIS  
INSTITUTE WHICH WOULD PERFORM LONG TERM PLANNING AND ANALYSIS  
FOR ALL SECTORS OF THE KOREAN ENERGY INDUSTRY. THE KDI PLAN,  
OF U.S. AND EUROPEAN VISIT ORIGIN (REFTEL B), CALLS FOR  
AN INITIAL STAFFING TO BE COMPOSED OF TWELVE ECONOMISTS,  
TWELVE PHYSICAL SCIENTISTS AND FOUR SYSTEM ANALYSIS EXPERTS.  
MOST WOULD AUGMENT THE STAFF OF KOREA ATOMIC ENERGY RESEARCH  
INSTITUTE TO ACCOMPLISH THE SAME JOB.

4. EMBASSY BELIEVES PERHAPS MOST SIGNIFICANT ASPECT OF  
MEETING WAS FACT THAT IT ESTABLISHED MEANINGFUL WORKING  
RELATIONSHIP, PROVED TO ROKS THAT U.S. INTEREST IN COMMITTEE  
WAS GENUINE, AND AFFIRMED THAT THIS CHANNEL CAN BE MUTUALLY  
BENEFICIAL. SUBSTANTIVE EXCHANGE HELPED FURTHER ESTABLISH  
IN ROK MINDS: 1) THAT BROAD U.S. TECHNICAL BASE IN ENERGY  
FIELD IS WITHOUT PARALLEL AND IS ACCESSIBLE; AND 2) THAT  
U.S. SHOULD REMAIN ROK PRIMARY PARTNER IN ENERGY MATTERS.  
IN ADDITION TO REPORTING HIGHLIGHTS OF MEETING ABOVE

EMBASSY POUCHING COPIES OF FULL SUMMARY RECORD OF MEETING.

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PR 190852Z JUL 77

FM AMEMBASSY SEOUL

TO SECSTATE WASHDC PRIORITY 5194

USERDA WASHDC PRIORITY

INFO AMEMBASSY TOKYO

C O N F I D E N T I A L SECTION 2 OF 2 SEOUL 6016

E.O. 11652: GDS

TAGS: TECH, KS

SUBJECTC RESUME OF JULY 14 - 16 MEETING OF US-ROK JOINT STANDING  
COMMITTEE ON NUCLEAR AND OTHER ENERGY TECHNOLOGY MATTERS

5. STATEMENT BY REPRESENTATIVES OF U.S. AND REPUBLIC  
OF KOREA JOINT STANDING COMMITTEE ON NUCLEAR AND OTHER  
ENERGY TECHNOLOGY MATTERS.

WITHIN THE FRAMEWORK OF COOPERATIVE AGREEMENTS CONCLUDED  
LAST YEAR, U.S. AND KOREAN MEMBERS OF THE JOINT STANDING  
COMMITTEE ON NUCLEAR ENERGY AND OTHER ENERGY TECHNOLOGY  
MET IN SEOUL JULY 14 - 16 TO REVIEW PROGRESS AND IDENTIFY  
NEW AREAS FOR SCIENTIFIC AND TECHNOLOGICAL COOPERATION  
RELATED TO ENERGY PRODUCTION. THE COMMITTEE WAS FORMED  
IN JUNE 1976 AT WASHINGTON D.C., TO PROVIDE A FORUM FOR  
EXCHANGE OF ENERGY POLICY CONSIDERATIONS AND WORKING-LEVEL  
TECHNICAL EXPERTISE, WITH PARTICULAR ATTENTION DIRECTED TO  
THE USE OF NCULLEAR ENERGY AND OTHER ADVANCED ENERGY  
TECHNOLOGY ALTERNATIVES. MR. LOUIS V. NOSENZO, U.S.  
DEPARTMENT OF STATE DEPUTY ASSISTANT SECRETARY FOR NUCLEAR  
ENERGY AND OTHER ENERGY TECHNOLOGY AFFAIRS, HEADED THE U.S.  
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DELEGATION; DR. BYONG-WHIE LEE, COMMISSIONER OF KOREA'S ATOMIC ENERGY COMMISSION HEADED THE KOREAN DELEGATION.

BOTH COUNTRIES ARE IN THE PROCESS OF DEVELOPING AND IMPLEMENTING LONG-TERM ENERGY POLICIES TO COPE WITH A FORESEEABLE SCARCITY OF PRIMARY FUELS. THE U.S. DELEGATION REVIEWED THE IMPORTANCE OF NUCLEAR POWER TO THE DOMESTIC ENERGY PLANS OF THE UNITED STATES AS A MEANS OF REDUCING DEPENDENCE ON IMPORTED OIL AND REAFFIRMED THE COMMITMENT OF THE UNITED STATES TO BE A RELIABLE SUPPLIER OF NUCLEAR REACTORS AND ENRICHED URANIUM FUEL TO COUNTRIES SUCH AS THE REPUBLIC OF KOREA WHO SHARE COMMON NON-PROLIFERATION OBJECTIVES. THE KOREAN DELEGATION STRESSED THE CRITICAL ROLE OF NUCLEAR POWER TO ITS FUTURE ENERGY NEEDS AND WELCOMED THE COMMITMENT OF THE UNITED STATES TO HELP MEET THESE NEEDS.

THE U.S. DELEGATION OUTLINED THE NATURE AND SCOPE OF THE INTERNATIONAL NUCLEAR FUEL CYCLE EVALUATION PROPOSED BY PRESIDENT CARTER IN APRIL 1977 TO HELP SHAPE THE NEXT GENERATION OF NUCLEAR DEVELOPMENT TO MEET WORLD ENERGY NEEDS WHILE MINIMIZING ASSOCIATED RISKS OF NUCLEAR PROLIFERATION. THE KOREAN DELEGATION LENT ITS FULL SUPPORT TO THE UNITED STATES INITIATIVE AND BOTH SIDES AGREED THAT FUTURE COOPERATION IN THIS EVALUATION WAS CONSISTENT WITH THE OBJECTIVES OF THE JOINT STANDING COMMITTEE. THE KOREAN DELEGATION ALSO SUGGESTED THE DESIRABILITY OF INCREASED UNITED STATES:REPUBLIC OF KOREA COOPERATION IN NON-NUCLEAR ENERGY TECHNOLOGY AREAS, SUCH AS SOLAR, TIDAL, GEOTHERMAL AND WIND ENERGY, AND BOTH SIDES AGREED TO EXPLORE COOPERATIVE ARRANGEMENTS IN THESE AREAS. IT WAS NOTED THAT THE RANGE OF ENERGY USES AND OPTIONS AVAILABLE FOR ENERGY CONVERSION REQUIRES SYSTEMATIC PLANNING AND ANALYSIS.

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IN ADDITION TO TECHNICAL INFORMATION EXCHANGE, THE COMMITTEE DESIGNATED SPECIFIC ACTIVITIES FOR WHICH TECHNICAL EXPERTS ARE TO BE EXCHANGED. KOREAN EXPERTS ARE GOING TO THE UNITED STATES ON LONG-TERM ASSIGNMENTS IN NUCLEAR POWER REACTOR LICENSING, INSPECTION AND SAFETY, AS WELL AS NUCLEAR POWER AND FUEL TECHNOLOGY AREAS. U.S. EXPERTS WILL COME TO KOREA AS VISITOR-ADVISORS FOR SPECIFIC SCIENTIFIC PROJECTS. THE COMMITTEE ALSO REVIEWED COOPERATIVE ACTIVITIES CONDUCTED IN ACCORDANCE WITH A SISTER LABORATORY ARRANGEMENT BETWEEN ARGONNE NATIONAL LABORATORY OF THE U.S. AND THE KOREA ATOMIC ENERGY RESEARCH INSTITUTE.

THE NEXT COMMITTEE MEETING WILL TAKE PLACE IN WASHINGTON

NEXT YEAR.  
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## Message Attributes

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